chemistry : Class 10th
Guess by Sir Shehryar

CHP: 9 (Note Example + Numerical)
Ex S.Q 3, 4, 6, 7, 10, 14
Uses of atmospheric gases, which reaction has K_c unit or not, static equilibrium, Reversible and Irreversible reaction.
Long questions: Law of mass Action, characteristics of forward, Reverse and dynamic, Imp of Equilibrium constant.

CH 10: (Note Example/Numerical)
Ex S.Q 2, 4, 6, 8, 15, 17, 14, 20
Humphrey Davy, Acid/Bases Properties, pH & P Conjugate Acid/Bases, Prove H_2O is amphoteric, Hyper acidity, Uses of PH, Indicators & ex, Uses of Acid/Base, water of Crystallization Neutralization Rxn, why Ionic Product of water constant is temperature dependent,
Long Questions: Acid/Base concept (all), Preparation of salts, Types of Salts, chemical Prop of Acid/Bases.

CH 11 :

Ex S.Q, 1,2,3,5,7,8,11

vital Force theory $ rejection, Organic Chemistry, Molecular formula, Homocyclic/Heterocyclic Condition of Catenation, Isomerism, Why organic Compound poor conductor of electricity, Coal Tar, Ammonical liquor, Pitch, Uses of Organic Comp, characteristics of Homologous Series, Test for Unsaturation.

CH 12

Ex S.Q: 1, 3, 5, 6, 9, 12, 15, 17, 19

Glycol / Glyoxal, Uses of acetylene & Ethene. Why alkene are reactive, Addition reaction, Hydrogenation, Why burning of Alkane require sufficient supply of oxygen, Use of Hydrocarbon in plastic and synthetic Industry.

Long questions: physical properties of Alkene / Alkane, Halogenation, Oxidation of Alkene / Alkyne

Ex 3, 5

CH 13:

Ex S.Q, 1, 3, 5, 10, 12, 13, 17, 19, 20

Denaturing of Protein, Hydrogenation of vegetable oil/Preparation of Margarine, Amino acid & Formula, How carbohydrate are source of Energy. Monosaccharide Properties

Long questions: All topic.

CH 14:

Ex S.Q ~~1, 2, 4, 5, 6,~~

1, 2, 3, 5, 6, 8, 9, 10, 12

Ozone hole / ozone layer, Effect of Global warming, Pollutant and contaminant, Why CO_2 called green house gas? Why catalytic converter used in automobile, Diff b/w atmosphere and Environment, Composition of air.

CH 15:

Ex S.Q 1, 2, 4, 5, 6, 7, 9, 10, 12, 14

Chemistry of chlorine in water, Scum, Effect of water pollution, Leaching Process, boiler Scale, Clark Method

Why Sea water not used for drinking purpose
occurance of water, Prop. of water,
Why water is called universal solvent,
natural/chemical Fertilizer.
<u>Long questions</u>: Method of Removing hardness,
water borne diseases,
Industrial/Agricultural Effluents.

<u>CH 16</u> :
<u>Ex S.Q</u> : 1, 3, 4, 5, 6, 8, 9, 13, 14, 16, 17
Fraction of residual oil, Petroleum,
Haber process, Slag & Matte,
Mettalurgy, Gangue, ores,
Function of Fertilizer, blister copper.

<u>Long questions</u> : Concentration of Ore,
Solvay's & Urea Process with Uses,
Fraction of Petroleum, Bessemerization.